Form 3160-3 (November 1983) (formerly 9-331C)

SUBMIT IN T (Other instructions on reverse side)

5. LEASE DESIGNATION AND SERIAL NO.

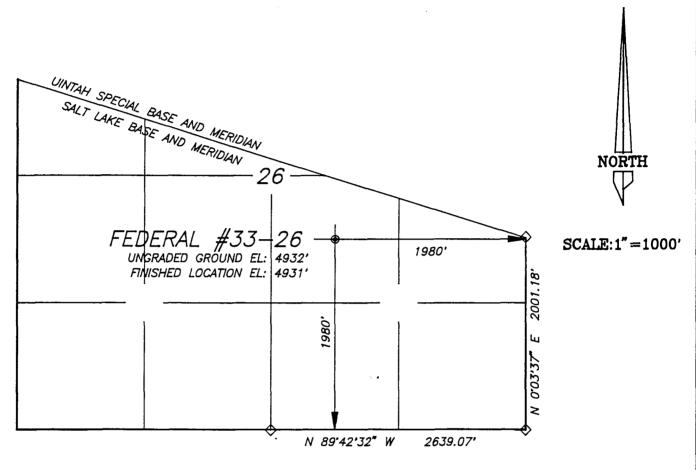
UNITED STATES DEPARTMENT OF THE INTERIOR

rorm approved.	
Budget Bureau N	0. 1004-0136
Expires August 3	1, 1985

BUREAU OF LAND MANAGEMEN I						U-3644	2		
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APPROVED BY CONDITIONS OF APPROV	2 / 2	Byn			etroleum		ringer	DATE 4/	21/97

WILDROSE RESOURCES CORP.
WELL LOCATION PLAT
FEDERAL #33-26

LOCATED IN THE NW1/4 OF THE SE1/4 OF SECTION 26, TBS, R18E, S.L.B.&M.

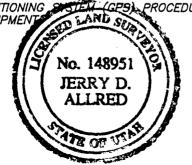


LEGEND AND NOTES

ORIGINAL MONUMENTS FOUND AND USED BY THIS SURVEY.

THE GENERAL LAND OFFICE (G.L.O.) PLAT WAS USED FOR REFERENCE AND CALCULATIONS AS WAS THE U.S.G.S. QUADRANGLE MAP.

THIS SURVEY WAS PERFORMED USING GLOBAL POSITIONING STEM (CPS) PROCEDURES AND EQUIPMENT



SURVEYOR'S CERTIFICATE

I HEREBY CERTIFY THAT THIS PLAT WAS PREPARED FROM FIELD NOTES OF AN ACTUAL SURVEY PERFORMED BY ME, DURING WHICH THE SHOWN MONUMENTS WERE FOUND OR ESTABLISHED.

JERRY D. ALLRED REGISTERED LAND SURVEYOR, CERTIFICATE NO. 148951 (UTAH)

Exhibit A

JERRY D. ALLRED & ASSOCIATES SURVEYING AND ENGINEERING CONSULTANTS

121 NO. CENTER ST.——P.O. BOX 975 DUCHESNE, UTAH 84021 (801)—738—5352

14 FEB 1997

83-123-030

EXHIBIT B

WILDROSE RESOURCES CORPORATION FEDERAL #33-26 LEASE #U-36442 NW/SE SECTION 26, T8S, R18E UINTAH COUNTY, UTAH

TEN POINT COMPLIANCE PROGRAM OF APPROVAL OF OPERATIONS

1. The Geologic Surface Formation

The surface formation is the Uintah (Tertiary).

2. Estimated Tops of Important Geologic Markers

Green River 1700'

Wasatch Tongue of Green River 6100'

Total Depth 6200'

3. Estimated Depths of Anticipated Water, Oil, Gas or Minerals

No water bearing zones are anticipated

Green River 4000' - 6200' Oil

4. The Proposed Casing Program

<u> HOLE</u>	INTERVAL	LENGTH	SIZE(OP)	WEIGHT, GRADE, JOINT	NEW (OR USED
--------------	----------	---------------	----------	----------------------	-------	---------

12.25" 0 - 300' 300' 8-5/8" 24# J-55 ST&C New

7-7/8" 0 -6200' 6200' 5-1/2" 15.50# J-55 ST&C New

Cement Program -

Surface Casing: 225 sacks Class "G" plus 2% CaCl2

Production Casing: 200 sacks Lite Cement and 600 sacks Class

"G" with additives

5. The Operator's Minimum Specifications for Pressure Control

EXHIBIT "C" is a schematic diagram of the blowout preventer equipment. A 2M system will be used. The blind rams and the pipe

rams will be tested to 1500 psi after nippling up and after any use under pressure. Pipe rams will be operationally checked each 24 hour period, as will blind rams and annular preventer each time pipe is pulled out of the hole. Such checks of BOP will be noted on daily drilling reports.

Accessories to BOP will include an upper kelly cock, floor safety valve, drill string BOP and choke manifold with pressure rating equivalent to the BOP stack.

6. The Type and Characteristics of the Proposed Circulating Muds

Mud system will be 2% KCl water with adequate stocks of sorptive agents on site to handle possible spills of fuel and oil on the surface. Heavier muds will be available to be added if pressure requires.

DEPTH 0-4000'	TYPE Air/ Foam	<u>WEIGHT #/gal</u> 8.4 - 8.6	VISCOSITY sec/qt 28 - 30	FLUID LOSS CC NC	<u>PH</u>
	2% KCl Water	8.6 - 8.8	30 - 34	NC	9.0

7. The Auxiliary Equipment to be Used

- a) An upper kelly cock will be kept in the string.
- b) A float will be used at the bit.
- c) A mud logging unit will not be used. Mud system will be visually monitored.
- d) A stabbing valve will be on the floor to be stabbed into the drill pipe when kelly is not in the string.

8. The Testing, Logging and Coring Programs to be Followed

- a) No Drill Stem Tests will be run.
- b) The Logging Program: Dual Later Log 300' T.D. Formation Density-CNL 4000' T.D.
- c) No coring is anticipated.
- d) Stimulation procedures will be determined after evaluation of logs. If treatment is indicated, appropriate Sundry Notice will be submitted for approval.

9. Any Anticipated Abnormal Pressures or Temperatures

No abnormal pressures or temperatures have been noted or reported in wells drilled in the area nor at the depths anticipated in this well. Bottom hole pressure expected is 1500 psi + or -.

No hydrogen sulfide or other hazardous fluids or gases have been found, reported or known to exist at these depths in the area.

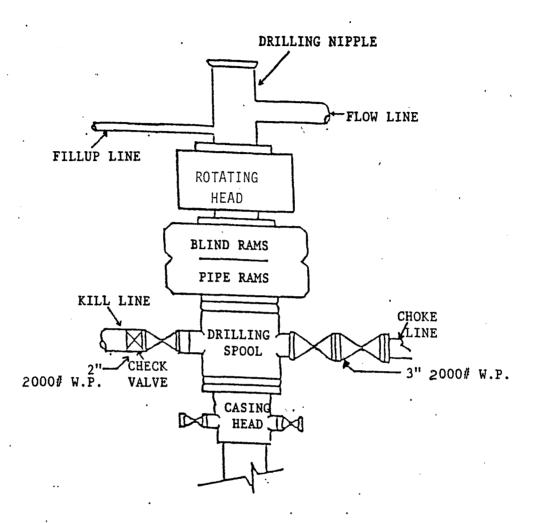
10. Anticipated Starting Date and Duration of the Operations.

The anticipated starting date is April 1, 1997. Operations will cover approximately 10 days for drilling and 14 days for completion.

Hazardous Chemicals

No chemicals subject to reporting under SARA title III in an amount equal to or greater than 10,000 pounds will be used, produced, stored, transported or disposed of annually in association with the drilling of this well. Furthermore, no extremely hazardous substances, as defined in 40 CFR 355, in threshold planning quantities, will be used, produced, stored, transported or disposed of in association with the drilling of this well.

EXHIBIT C BOP DIAGRAM



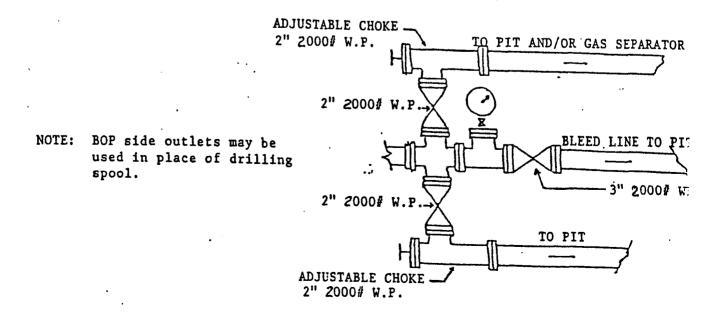


EXHIBIT D

WILDROSE RESOURCES CORPORATION FEDERAL #33-26 LEASE #U-36442 NW/SE SECTION 26, T8S, R18E UINTAH COUNTY, UTAH

Thirteen Point Surface Use Program

Multipoint Requirements to Accompany APD

1. Existing Roads

- A. The proposed well site and elevation plat is shown on Exhibit A.
- B. From Fort Duchesne go south 6 miles to bridge. Go across bridge and follow Leland Bench road 10.0 miles. Turn left to the northeast 1/3 mile to location.
- C. See Exhibit E for access roads.
- D. There are no plans for improvement of existing roads. Roads will be maintained in present condition.

2. Planned Access Roads - (Newly Constructed)

- A. Length 2100 feet.
- B. Width 30' right of way with 18' running surface maximum.
- C. Maximum grades 2%
- D. Turnouts N/A
- E. Drainage design Barrow ditches and water turnouts as required.
- F. Culverts, bridges, cuts and fills None.
- G. Surfacing material (source) from location and access road.
- H. Gates, cattle guards and fence cuts None.

All travel will be confined to existing access road rights of way.

Access roads and surface disturbing activities will conform to standards outlined in the Bureau of Land Management and Forest

Service publication: Surface Operating Standards for Oil and Gas Exploration and Development, (1989).

The road shall be upgraded to meet the standards of the anticipated traffic flow and all weather road requirements. Construction/ upgrading shall include ditching, draining, graveling, crowning, and capping the roadbed as necessary to provide a well constructed safe road. Prior to upgrading, the road shall be cleared of any snow cover and allowed to dry completely. Traveling off the 30 foot right of way will not be allowed. Road drainage crossings shall be of the typical dry creek drainage crossing type. Crossings shall be designed so they will not cause siltation or accumulation of debris in the drainage crossing nor shall the drainages be blocked by the roadbed. Erosion of drainage ditches by runoff water shall be prevented by diversion water off at frequent intervals by means of cutouts. Upgrading shall not be allowed during muddy conditions. Should mud holes develop, they shall be filled in and detours around them avoided.

A Right of Way application is not needed.

3. Location of Existing Wells Within a 1 Mile Radius

See Exhibit G

- A. Water wells none.
- B. Abandoned wells two.
- C. Temporarily abandoned wells none.
- D. Disposal wells none.
- E. Drilling wells none.
- F. Producing wells eleven.
- G. Shut-in wells one.
- H. Injection wells one.

4. Location of Existing and/or Proposed Facilities

- A. On well pad See Exhibit F for all production facilities to be used if well is completed as a producing oil well.
- B. Off well pad N/A

If a tank battery is constructed on this lease, the battery or the well pad will be surrounded by a dike of sufficient capacity to contain, at a minimum, the entire content of the largest tank within the battery, unless more stringent protective requirements are deemed necessary by the authorized officer.

Tank battery will be placed on the NE corner of the location.

All permanent (on site for six months or longer) structures constructed or installed (including pumping units) will be painted a flat, non-reflective, earthtone color to match one of the standard environmental colors, as determined by the Rock Mountain Five state Interagency Committee. All facilities will be painted within 6 months of installation. Facilities required to comply with O.S.H.A. (Occupational Safety and Health Act) will be excluded.

The required paint color is desert brown, 10YR.

If at any time the facilities located on public land and authorized by the terms of the lease are no longer included in the lease (due to a contraction in the unit or other lease or unit boundary change), BLM will process a change in authorization to the appropriate statute. The authorization will be subject to appropriate rental or other financial obligation as determined by the authorized officer.

5. Location and Type of Water Supply

- A. Water supply will be from Water Permit #43-1721 (Joe Shields spring).
- B. Water will be trucked across existing roads to location.
- C. No water wells to be drilled on lease.

6. Source of Construction Materials

- A. Native materials on lease will be used.
- B. From Federal land.
- C. N/A.
- A minerals material application is not required.

7. Methods for Handling Waste Disposal

Α.

- 1) Drill cuttings will be buried in the reserve pit.
- 2) Portable toilets will be provided for sewage.
- 3) Trash and other waste material will be contained in a

trash cage and hauled away to an approved disposal site at the completion of the drilling activities.

- 4) Salts if any will be disposed of.
- 5) Chemicals if any will be disposed of.
- B. Drilling fluids will be handled in the reserve pit. Any fluids produced during testing operations will be collected in a test tank. If a test tank is not available during drilling, fluids will be handled in the reserve pit. Any oil in the reserve pit will be removed.

Burning will not be allowed. All trash must be contained in trash cage and hauled away to an approved disposal site at the completion of drilling activities.

The reserve pit shall be constructed so as not to leak, break, or allow discharge.

A plastic nylon reinforced liner will be used. It will be a minimum of 12 mil thickness with sufficient bedding (either straw or dirt) to cover any rocks. The liner will overlap the pit walls and be covered with dirt and/or rocks to hold it in place. No trash, scrap pipe, etc., that could puncture the liner will be disposed of in the pit. More stringent protective requirements may be deemed necessary by the A.O.

After first production, produced waste water will be confined to a lined pit or storage tank for a period not to exceed 90 days. During the 90 day period, in accordance with Onshore Order No. 7, an application for approval of a permanent disposal method and location, along with required water analysis, shall be submitted for the AO's approval. Failure to file an application within the time allowed will be considered an incident of noncompliance.

8. Ancillary Facilities

A. Camp facilities or airstrips will not be required.

9. Well Site Layout

- A. See Exhibit H.
- B. See Exhibit H.
- C. See Exhibit H.

The reserve pit will be located on the north side of the location.

The flare pit will be located downwind of the prevailing wind direction on the east side of the location a minimum of 100 feet

from the well head and 30 feet from the reserve pit fence.

Topsoil - will be stored along the south side of the location.

Access to the well pad will be from the south.

Fencing Requirements

All pits will be fenced according to the following minimum standards:

- a. 39-inch net wire shall be used with at least one strand of barbed wire on top of the net wire (barbed wire is not necessary if pipe or some type of reinforcement rod is attached to the top of the entire fence).
- b. The net wire shall be no more than 2-inches above the ground. The barbed wire shall be 3-inches above the net wire. Total height of the fence shall be at least 42-inches.
- c. Corner posts shall be cemented and/or braced in such a manner to keep the fence tight at all times.
- d. Standard steel, wood, or pipe posts shall be used between the corner braces. Maximum distance between any two posts shall be no greater than 16 feet.
- e. All wire shall be stretched, by using a stretching device, before it is attached to the corner posts.

The reserve pit fencing will be on three sides during drilling operations and on the fourth side when the rig moves off the location. Pits will be fenced and maintained until clean-up.

10. Plans for Restoration of Surfaces

A. Producing Location:

Immediately upon well completion, the location and surrounding area will be cleared of all debris, materials, trash and junk not required for production.

Immediately upon well completion, any hydrocarbons on the pit shall be removed in accordance with 43 CFR 3162.7-1.

If a plastic nylon reinforced liner is used, it shall be torn and perforated before backfilling of the reserve pit.

The reserve pit and that portion of the location not needed for production facilities/operations will be recontoured to the

approximate natural contours. The reserve pit will be reclaimed within 120 days from the date of well completion. Before any dirt work takes place, the reserve pit must have all fluids and hydrocarbons removed and all cans, barrels, pipe, etc., will be removed.

The BLM will be contacted for required seed mixture.

B. Dry Hole/ Abandoned Location:

At such time as the well is plugged and abandoned, the operator will submit a subsequent report of abandonment and BLM will attach the appropriate surface rehabilitation conditions of approval.

11. Surface Ownership

Access Road: Federal Location: Federal

12. Other Additional Information

- A. The operator is responsible for informing all persons in the area who are associated with this project that they will be subject to prosecution for knowingly disturbing historic or archaeological sites, or for collecting artifacts. If historic or archaeological materials are uncovered during construction, the operator is to immediately stop work that might further disturb such materials, and contact the authorized officer (AO). Within five working days the AO will inform the operator as to:
- Whether the materials appear eligible for the National Register of Historic Places;
- The mitigation measures the operator will likely have to undertake before the site can be used (assuming in situ preservation is not necessary); and
- A time frame for the AO to complete an expedited review under 36 CFR 800.11 to confirm, through the State Historic Preservation Officer, that the findings of the AO are correct and that mitigation is appropriate.

If the operator wishes, at any time, to relocated activities to avoid the expense of mitigation and/or the delays associated with this process, the AO will assume responsibility for whatever recordation and stabilization of the exposed materials may be required. Otherwise, the operator will be responsible for mitigation costs. The AO will provide technical and procedural guidelines for the conduct of mitigation. Upon verification from the AO that required mitigation has been completed, the operator will then be allowed to resume construction.

- B. The operator will control noxious weeds along rights-of-way for roads, pipelines, well sites, or other applicable facilities. A list of noxious weeds may be obtained from the BLM, or the appropriate County Extension Office. On BLM administered land it is required that a Pesticide Use Proposal shall be submitted, and given approval, prior to the application of herbicides or other pesticides or possible hazardous chemicals.
- C. Drilling rigs and/or equipment used during drilling operations on this wellsite will not be stacked or stored on Federal Lands after the conclusion of drilling operations or at any other time without BLM authorization. However, if BLM authorization is obtained, it is only a temporary measure to allow time to make arrangements for permanent storage on commercial facilities. (The BLM does not seek to compete with private industry. There are commercial facilities available for stacking and storing drilling rigs.)

Additional Surface Stipulations

Reclamation of unused disturbed areas on the well pad/access road no longer needed for operations, such as cut slopes, and fill areas will be accomplished by grading, leveling and seeding as recommended by the Authorized Officer.

13. Lessee's or Operators Representative and Certification Representative

Kary J. Kaltenbacher
Wildrose Resources Corporation
4949 South Albion Street
Littleton, CO 80121
Telephone: 303-770-6566

All lease and/or unit operations will be conducted in such a manner that full compliance is made with all applicable laws, regulations, Onshore Oil and Gas Orders, the approved plan of operations, and any applicable Notice to Lessees. The operator is fully responsible for the actions of his sub-contractors. A copy of these conditions will be furnished to the field representative to insure compliance.

A complete copy of the approved APD and ROW grant, if applicable, shall be on location during construction of the location and drilling activities.

The operator or his/her contractor shall contact the BLM Office at (801) 789-1362 forty eight (48) hours prior to construction activities.

The BLM Office shall be notified upon site completion prior to moving on the drilling rig.

Self-Certification Statement:

Please be advised that Wildrose Resources Corporation is considered to be the operator of Federal Well No. 33-26, NW/4 SE/4 of Section 26, Township 8 South, Range 18 East; Lease Number U-36442; Uintah County, Utah; and is responsible for the operations conducted upon the leased lands. Bond coverage is provided by Statewide Oil and Gas Bond No. 229352, Allied Mutual Insurance Company, approved by the BLM effective October 26, 1987.

Certification

I hereby certify that I, or persons under my direct supervision, have inspected the proposed drillsite and access route; that I am familiar with the conditions which currently exist; that the statements made in this plan are true and correct to the best of my knowledge; and, that the work associated with the operations proposed here will be performed by Wildrose Resources Corporation and its contractors and subcontractors in conformity with this plan and the terms and conditions under which it is approved. This statement is subject to the provisions of 18 U.S.C. 1001 for the filing of a false statement.

Date $\frac{2}{2}/\frac{97}{}$

Kary J Kaltenbacher

Vice President

Onsite Date: February 20, 1997

Participants on Joint Inspection

Kary J. Kaltenbacher Stan Olmstead

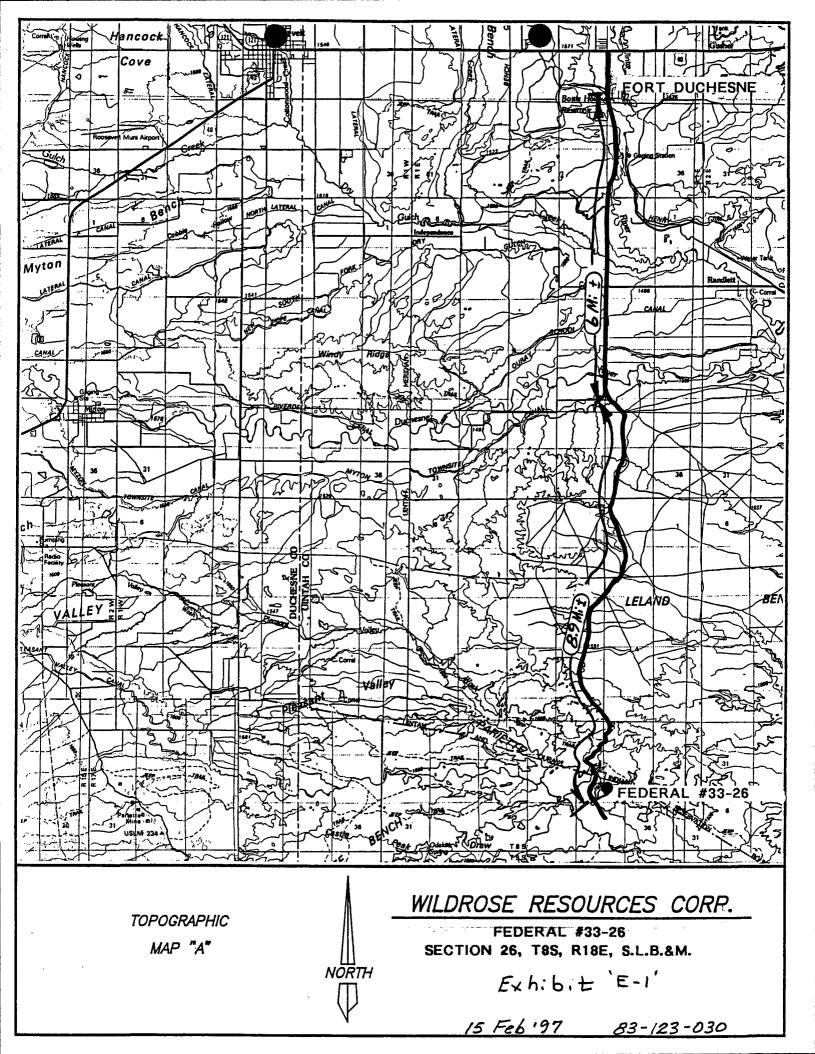
Tom Dabbs

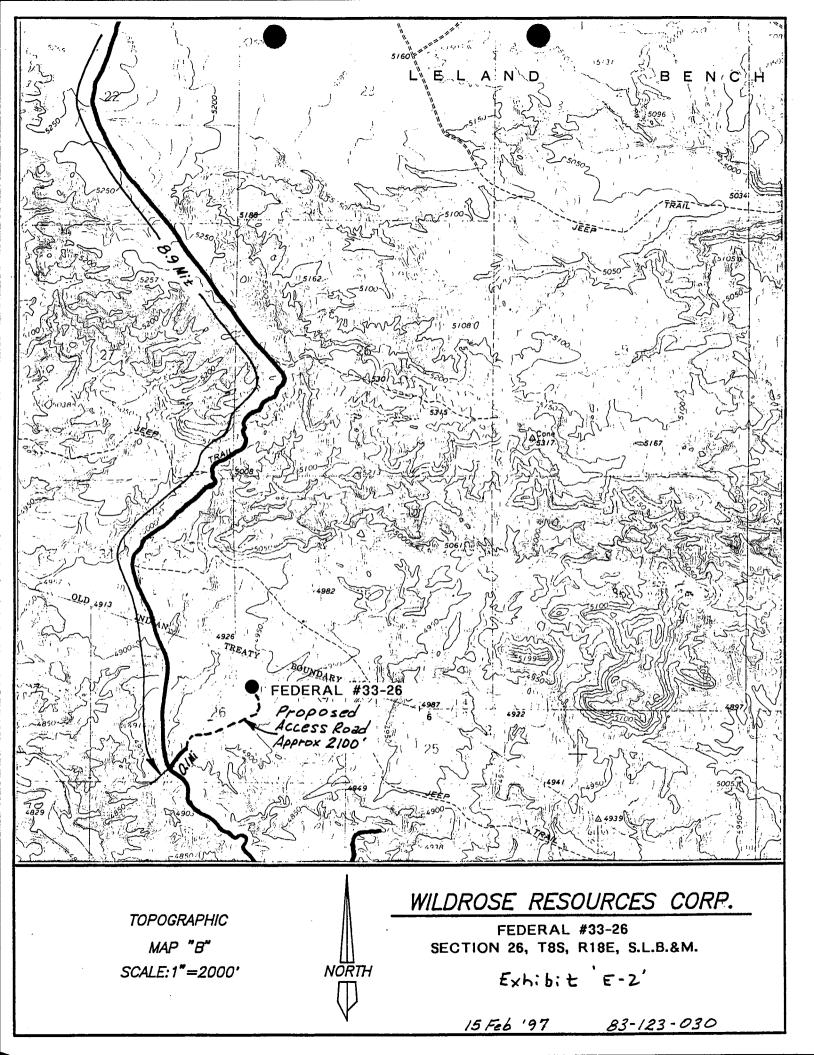
Wildrose Resources Corporation

BLM BLM

CONFIDENTIAL STATEMENT

WILDROSE RESOURCES CORPORATION, AS OPERATOR, REQUESTS THAT ALL INFORMATION RELATED TO THIS WELL BE HELD TIGHT FOR THE MAXIMUM PERIOD ALLOWED BY FEDERAL AND STATE REGULATIONS.





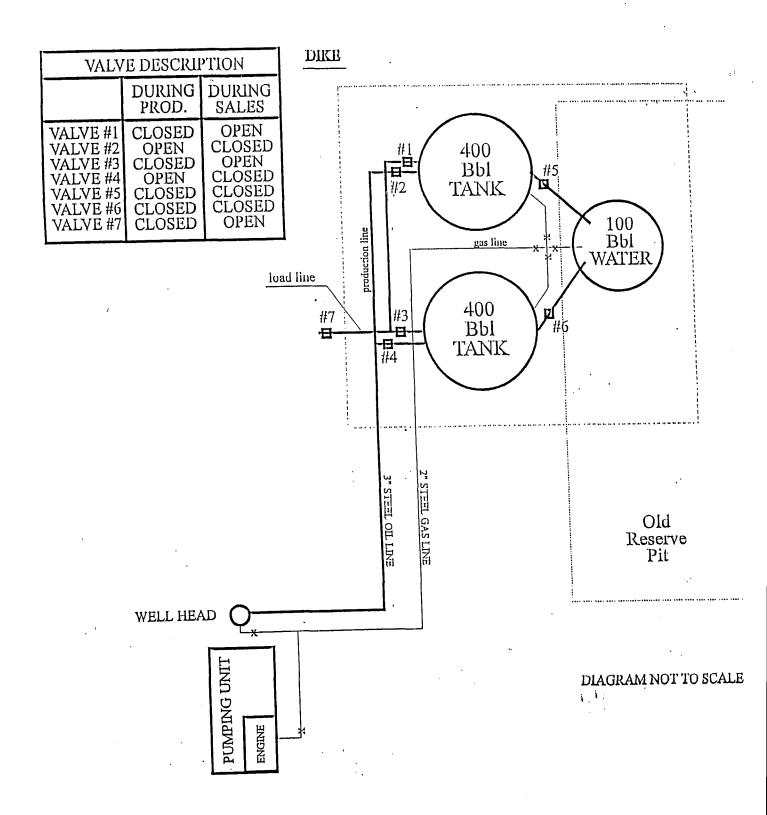
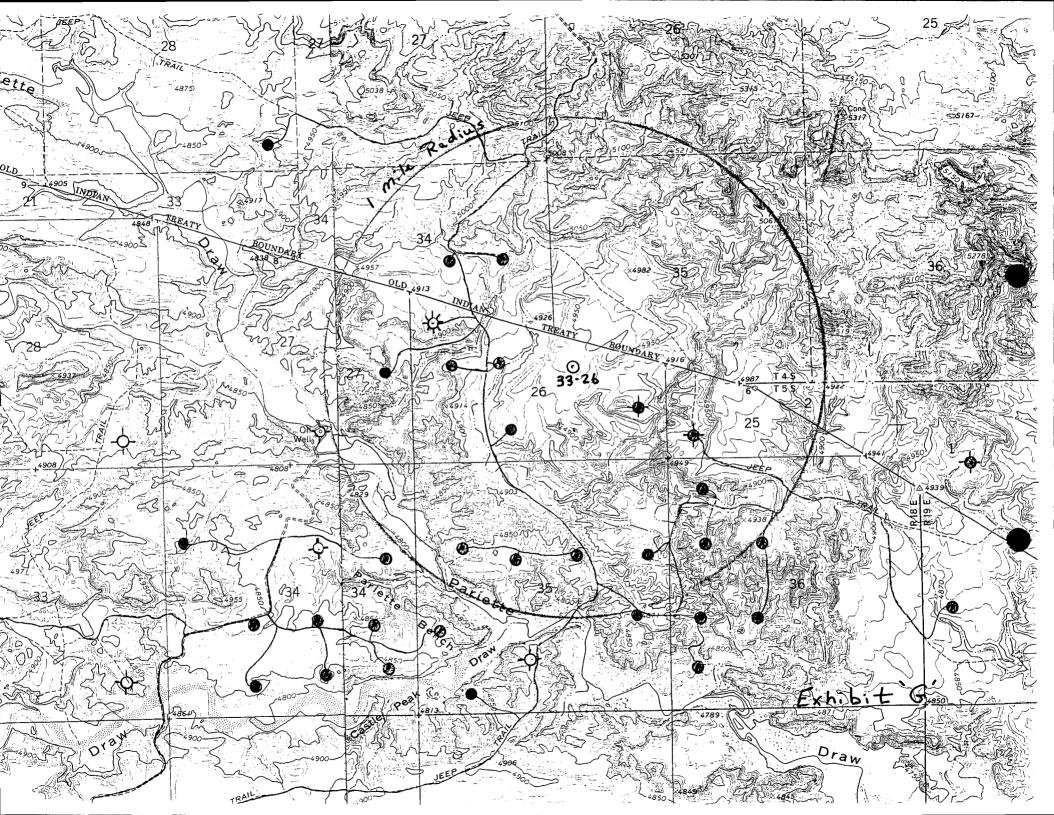
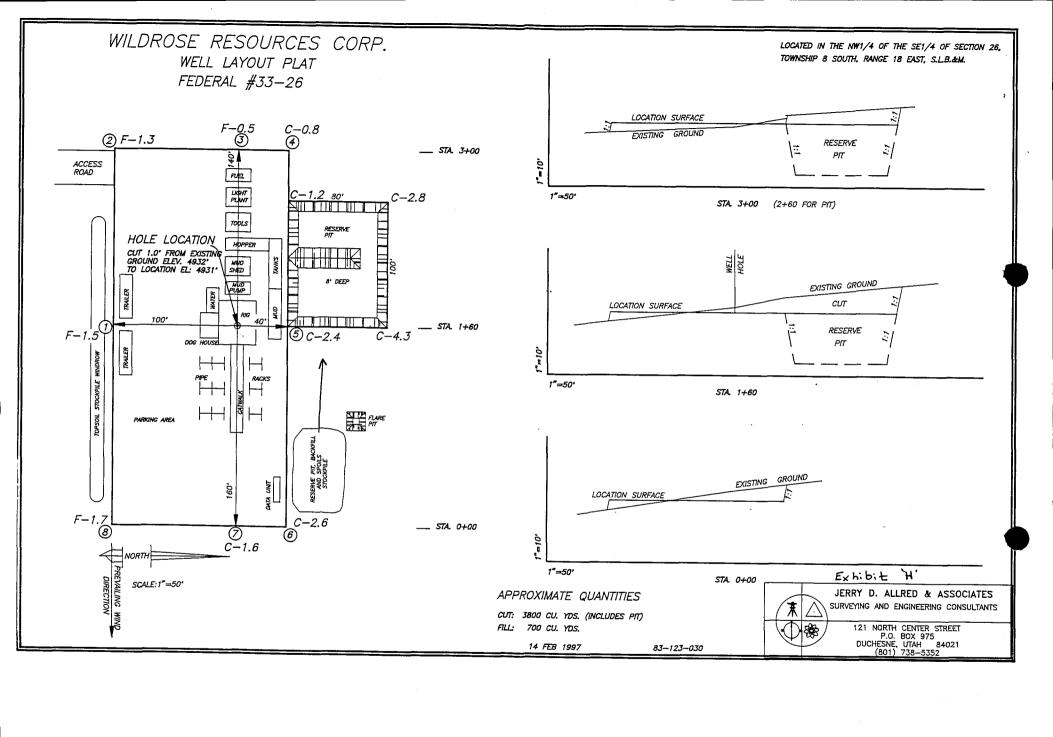


Exhibit F





WORKSHEET APPLICATION FOR PERMIT TO DRILL

API NO. ASSIGNED: 43-047-32846 APD RECEIVED: 02/24/97 WELL NAME: FEDERAL 33-26 OPERATOR: WILDROSE RESOURCES (N9660) INSPECT LOCATION BY: / / PROPOSED LOCATION: NWSE 26 - T08S - R18E TECH REVIEW Initials Date SURFACE: 1980-FSL-1980-FEL BOTTOM: 1980-FSL-1980-FEL UINTAH COUNTY Engineering EIGHT MILE FLAT NORTH FIELD (590) Geology LEASE TYPE: FED Surface LEASE NUMBER: U - 36442 PROPOSED PRODUCING FORMATION: GRRV LOCATION AND SITING: RECEIVED AND/OR REVIEWED: R649-2-3. Unit: _____ _/ Plat Bond: Federal[State[] Fee[] √ R649-3-2. General. (Number 229362 \not Potash $(Y\overline{/N})$ ____ R649-3-3. Exception. \overline{M} Oil shale (Y/N)Water permit (Number 43-1721) Drilling Unit. Board Cause no: √ RDCC Review (Y/N) (Date: ____ Date: COMMENTS: STIPULATIONS:

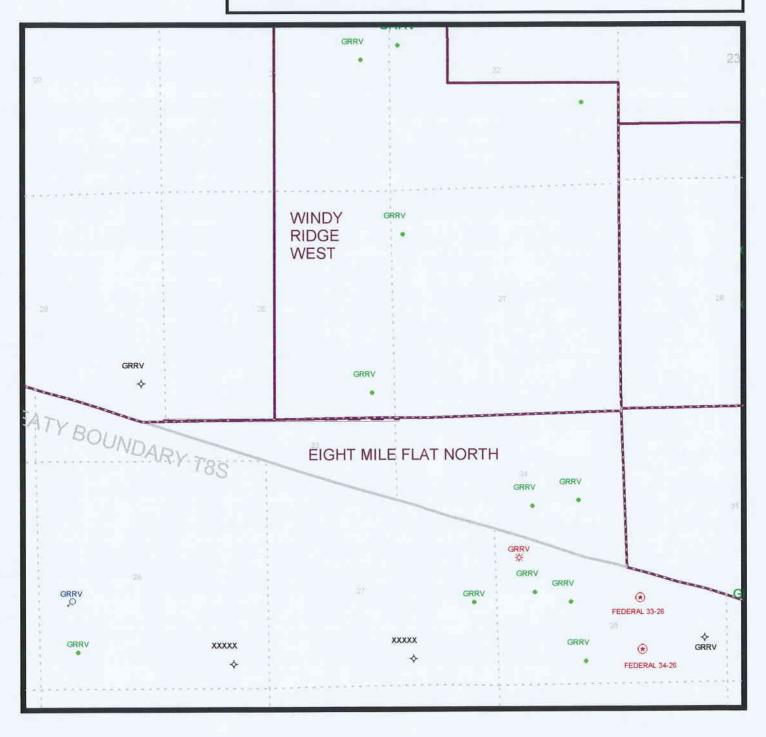
OPERATOR: WILDROSE (N9660)

FIELD: EIGHT MILE FLAT NORTH (590)

SEC. TWP. RNG. 26, 8S 18E

COUNTY: UINTAH

UAC: R649-3-2



PREPARED: DATE: 26-FEB-97 Michael O. Leavitt Governor Ted Stewart Executive Director James W. Carter Division Director

1594 West North Temple, Suite 1210 Box 145801 Salt Lake City, Utah 84114-5801 801-538-5340 801-359-3940 (Fax) 801-538-7223 (TDD)

April 21, 1997

Wildrose Resources Corporation 4949 South Albion Street Littleton, Colorado 80121

Re: <u>Federal 33-26 Well, 1980' FSL, 1980' FEL, NW SE, Sec. 26, T. 8 S., R. 18 E., Uintah County, Utah</u>

Gentlemen:

Pursuant to the provisions and requirements of Utah Code Ann. 40-6-1 et seq., Utah Administrative Code R649-3-1 et seq., and the attached Conditions of Approval, approval to drill the referenced well is granted.

This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date. The API identification number assigned to this well is 43-047-32846.

Sincerely,

Lowell P. Braxton

Deputy Director

lwp

Enclosures

cc: Uintah County Assessor

Bureau of Land Management, Vernal District Office

Operator:	···	Wildrose Resources Corporation							
Well Name & N	Tumber: _	Federal 33-26							
API Number:		43-04	43-047-32846						
Lease:		U-364	42						
Location:	NW SE	Sec.	26	т.	8 S.	R.	18 E.		

Conditions of Approval

1. General

Compliance with the requirements of Utah Admin. R. 649-1 et seq., the Oil and Gas Conservation General Rules, and the applicable terms and provisions of the approved Application for Permit to Drill.

2. Notification Requirements

Notify the Division within 24 hours following spudding the well or commencing drilling operations. Contact Jimmie Thompson at (801)538-5336.

Notify the Division prior to commencing operations to plug and abandon the well. Contact John R. Baza (801)538-5334 or Mike Hebertson at (801) 538-5333.

3. Reporting Requirements

All required reports, forms and submittals shall be promptly filed with the Division, including but not limited to the Entity Action Form (Form 6), Report of Water Encountered During Drilling (Form 7), Weekly Progress Reports for drilling and completion operations, and Sundry Notices and Reports on Wells requesting approval of change of plans or other operational actions.

Form \$160-3 (November 1983)

SUBMIT IN TR

Form approved.

UNITED STATES	(Other instructions on reverse side)	Expires August 31, 19
PARTMENT OF THE INTERIOR		5. LEASE DESIGNATION AND SE

(formerly 9-331C)	DF	PARTMEN	T OF THE I	NTEF	RIOR		5. LEASE DESIGNATION	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	
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b. TYPE OF WELL	GAS	1		81	INGLE XX MULTIPL	• 🗇	8. FARM OR LEASE NAI	/1	
WELL XX	WELL	OTHER			ONE AAI ZONE		Federal		
		Connonati	on		PH: 303-770-656	56	9. WELL NO.		
Wildrose R	ATOR	Corporati	011		711. 303-770-030	,,,,	33-2	6	
4949 South	Albion	Street, li	ttleton, CO	80	121		10. FIELD AND POOL, O		
4. LOCATION OF WEI	L (Report loc	cation clearly and	in accordance wit	h any 8	121 State requirements.*)		Eight Mile	Flat North	
At surface 198	30' FSL 8	k 1980' FEL	. (NW4SE4)				11. SEC., T., R., M., OR I	BLK.	
At proposed pro							Section 26,		
14. DISTANCE IN M	LES AND DIBE	CTION FROM NEA	BEST TOWN OR POS	POFFIC	E.		12. COUNTY OR PARISH	1	
		of Myton,	Utah				Uintah	Utah	
15. DISTANCE FROM LOCATION TO NE	TEZZE		5001	16. NO	O. OF ACRES IN LEASE		OF ACRES ASSIGNED HIS WELL		
PROPERTY OR LE (Also to meares	it drig, unit li		600'		1447.3		40		
18. DISTANCE FROM TO NEAREST WE OR APPLIED FOR, O	LL, DRILLING.	COMPLETED,	1462'	19. Pi	6200'	20. ROTA	Rotary		
21. ELEVATIONS (Sho	w whether DF	, RT, GR, etc.)	4932' GR	<u>e 200</u> 200 =			22. APPROX. DATE WO April 1		
23.			PROPOSED CASI	ng ani	CEMENTING PROGRAM				
SIZE OF HOLE	812	E OF CASING	WEIGHT PER F	оот	SETTING DEPTH		QUANTITY OF CEME	TT	
12-1/4"		5/8"	24#, J-55		300'		25 sx		
7-7/8"	5-	1/2"	15.5#, J-5	5	62001	800	0 sx		
	CRIBE PROPOS	B - C - D -	proposal is to deal	rfac	E Use Program H CEIVE AY 02 1997 Polug back, give data and public data and	- Pro- - Exi: - Pit Cro	EB 2 4 1997	Cuts & Fill ig Layout d new productive as. Give blowout	
SIGNED Suy	1.	Stuber	TIT	V. V	ice President	muzzak	Febru	iary 21, 1997	
(This space for		tate office use) CE OF AP	PROVAL		APPROVAL DATE Assistant Field Mana Mineral Resources	ger	APR 2	1 1997	
APPROVED BY CONDITIONS OF A	PPHOVAL, II AN		7117	LE			TO OPERATOR'S	AL A" TADRED	

S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the tes any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

*See Instructions On Reverse Side

COAs Page 1 of 8 Well No.: Federal 33-26

CONDITIONS OF APPROVAL APPLICATION FOR PERMIT TO DRILL

Compa	ny/Operator:	Wildrose Resources Corporation
Well Na	me & Numbe	er: Federal 33-26
API Nu	mber:	43-047-32846
Lease N	lumber:L	J - 36442
Location	n: <u>NWSE</u> \$	Sec. <u>26</u> T. <u>8S</u> R. <u>18E</u>
	NOTI	FICATION REQUIREMENTS
Location Construction		at least forty-eight (48) hours prior to construction of location and access roads.
Location Completion		prior to moving on the drilling rig.
Spud Notice	-	at least twenty-four (24) hours prior to spudding the well.
Casing String and Cementing	-	at least twenty-four (24) hours prior to running casing and cementing all casing strings.
BOP and Related Equipment Tests	-	at least twenty-four (24) hours prior to initiating pressure tests.
First Production	-	within five (5) business days after new well begins, or production resumes after well has been off production for

For more specific details on notification requirements, please check the Conditions of Approval for Notice to Drill and Surface Use Program.

more than ninety (90) days.

Notice

COAs Page 2 of 8 Well No.: Federal 33-26

CONDITIONS OF APPROVAL FOR NOTICE TO DRILL

Approval of this application does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

All lease and/or unit operations will be conducted in such a manner that full compliance is made with applicable laws, regulations (43 CFR 3100), Onshore Oil and Gas Orders, and the approved plan of operations. The operator is fully responsible for the actions of his subcontractors. A copy of these conditions will be furnished the field representative to insure compliance.

Be aware fire restrictions may be in effect when location is being constructed and/or when well is being drilled. Contact the appropriate Surface Management Agency for information.

A. <u>DRILLING PROGRAM</u>

1. <u>Estimated Depth at Which Oil, Gas, Water, or Other Mineral Bearing Zones are</u> Expected to be Encountered

Report <u>ALL</u> water shows and water-bearing sands to Tim Ingwell of this office **prior to setting the next casing string or requesting plugging orders**. Faxed copies of State of Utah form OGC-8-X are acceptable. If noticeable water flows are detected, submit samples to this office along with any water analyses conducted.

All usable water and prospectively valuable minerals (as described by BLM at onsite) encountered during drilling, will be recorded by depth and adequately protected. All oil and gas shows will be tested to determine commercial potential.

2. Pressure Control Equipment

The BOP and related equipment shall meet the minimum requirements of Onshore Oil and Gas Order No. 2 for equipment and testing requirements, procedures, etc., for a 2M system and individual components shall be operable as designed. Chart recorders shall be used for all pressure tests.

Test charts, with individual test results identified, shall be maintained on location while drilling and shall be made available to a BLM representative upon request.

If an air compressor is on location and is being utilized to provide air for the drilling medium while drilling, the special drilling requirements in Onshore Oil and Gas Order No. 2, regarding air or gas drilling shall be adhered to. If a mist system is being utilized then the requirement for a deduster shall be waived.

COAs Page 3 of 8 Well No.: Federal 33-26

3. Casing Program and Auxiliary Equipment

Surface casing shall have centralizers on the bottom three joints, with a minimum of one centralizer per joint.

As a minimum, the usable water and oil shale resources shall be isolated and/or protected by having a cement top for the production casing at least 200 ft. above the base of the usable water zone, identified at 332 ft. or by setting surface casing to 350 ft. and having a cement top for the production casing at least 200 ft. above the shallowest potential productive zone. If gilsonite is encountered while drilling, it shall be isolated and/or protected via the cementing program.

4. Mud Program and Circulating Medium

Hazardous substances specifically listed by the EPA as a hazardous waste or demonstrating a characteristic of a hazardous waste will not be used in drilling, testing, or completion operations.

No chromate additives will be used in the mud system on Federal and Indian lands without prior BLM approval to ensure adequate protection of fresh water aquifers.

5 .Coring, Logging and Testing Program

Daily drilling and completion progress reports shall be submitted to this office on a weekly basis.

All Drill Stem tests (DST) shall be accomplished during daylight hours, unless specific approval to start during other hours is obtained from the AO. However, DSTs may be allowed to continue at night if the test was initiated during daylight hours and the rate of flow is stabilized and if adequate lighting is available (i.e., lighting which is adequate for visibility and vaporproof for safe operations). Packers can be released, but tripping should not begin before daylight unless prior approval is obtained from the AO.

A cement bond log (CBL) will be run from the production casing shoe to the top of cement and shall be utilized to determine the bond quality for the production casing. Submit a field copy of the CBL to this office.

Whether the well is completed as a dry hole or as a producer, "Well Completion and Recompletion Report and Log" (Form 3160-4) will be submitted not later than 30 days after completion of the well or after completion of operations being performed, in accordance with 43 CFR 3164. Two copies of all logs, core descriptions, core analyses, well-test data, geologic summaries, sample description, and all other surveys or data obtained and compiled during the drilling, workover, and/or completion operations, will be filed with Form 3160-4. Samples (cuttings, fluids, and/or gases) will be submitted when requested by the AO.

COAs Page 4 of 8 Well No.: Federal 33-26

6. Notifications of Operations

No location will be constructed or moved, no well will be plugged, and no drilling or workover equipment will be removed from a well to be placed in a suspended status without prior approval of the AO. If operations are to be suspended, prior approval of the AO will be obtained and notification given before resumption of operations.

Operator shall report production data to MMS pursuant to 30 CFR 216.5 using form MMS/3160.

Immediate Report: Spills, blowouts, fires, leaks, accidents, or any other unusual occurrences shall be promptly reported in accordance with the requirements of NTL-3A or its revision.

If a replacement rig is contemplated for completion operations, a "Sundry Notice" (Form 3160-5) to that effect will be filed, for prior approval of the AO, and all conditions of this approved plan are applicable during all operations conducted with the replacement rig.

The date on which production is commenced or resumed will be construed for oil wells as the date on which liquid hydrocarbons are first sold or shipped from a temporary storage facility, such as a test tank, and for which a run ticket is required to be generated or, the date on which liquid hydrocarbons are first produced into a permanent storage facility, whichever first occurs; and, for gas wells as the date on which associated liquid hydrocarbons are first sold or shipped from a temporary storage facility, such as a test tank, and for which a run ticket is required to be generated or, the date on which gas is first measured through permanent metering facilities, whichever first occurs.

Should the well be successfully completed for production, the AO will be notified when the well is placed in a producing status. Such notification will be sent by telegram or other written communication, not later than five (5) days following the date on which the well is placed on production.

Gas produced from this well may not be vented or flared beyond an initial authorized test period of 30 days or 50 MMCF following its completion, whichever occurs first, without the prior written approval of the Authorized Officer. Should gas be vented or flared without approval beyond the authorized test period, the operator may be directed to shut-in the well until the gas can be captured or approval to continue venting or flaring as uneconomic is granted and the operator shall be required to compensate the lessor for that portion of the gas vented or flared without approval which is determined to have been avoidably lost.

COAs Page 5 of <u>8</u> Well No.: Federal 33-26

A schematic facilities diagram as required by 43 CFR 3162.7-2, 3162.7-3, and 3162.7-4 shall be submitted to the appropriate District Office within thirty (30) days of installation or first production, whichever occurs first. All site security regulations as specified in Onshore Oil & Gas Order No. 3 shall be adhered to. All product lines entering and leaving hydrocarbon storage tanks will be effectively sealed in accordance with 43 CFR 3162.7-4.

No well abandonment operations will be commenced without the prior approval of the AO. In the case of newly drilled dry holes or failures, and in emergency situations, oral approval will be obtained from the AO. A "Subsequent Report of Abandonment" Form 3160-5, will be filed with the AO within thirty (30) days following completion of the well for abandonment. This report will indicate where plugs were placed and the current status of surface restoration. Final abandonment will not be approved until the surface reclamation work required by the approved APD or approved abandonment notice has been completed to the satisfaction of the AO or his representative, or the appropriate Surface Managing Agency.

7. Other Information

All loading lines will be placed inside the berm surrounding the tank battery.

All off-lease storage, off-lease measurement, or commingling onlease or off-lease will have prior written approval from the AO.

Gas meter runs for each well will be located within 500 feet of the wellhead. The gas flowline will be buried or anchored down from the wellhead to the meter and within 500 feet downstream of the meter run or any production facilities. Meter runs will be housed and/or fenced.

The oil and gas measurement facilities will be installed on the well location. The oil and gas meters will be calibrated in place prior to any deliveries. Tests for meter accuracy will be conducted on new meter installations and at least quarterly thereafter. The AO will be provided with a date and time for the initial meter calibration and all future meter proving schedules. A copy of the meter calibration reports will be submitted to the Vernal District Office. All meter measurement facilities will conform with Onshore Oil & Gas Order No. 4 for liquid hydrocarbons and Onshore Oil & Gas Order No. 5 for natural gas measurement.

The use of materials under BLM jurisdiction will conform to 43 CFR 3610.2-3.

There will be no deviation from the proposed drilling and/or workover program without prior approval from the AO. Safe drilling and operating practices must be observed. All wells, whether drilling, producing, suspended, or abandoned will be identified in accordance with 43 CFR 3162.

"Sundry Notice and Report on Wells" (Form 3160-5) will be filed for approval for all changes of plans and other operations in accordance with 43 CFR 3162.3-2.

COAs Page 6 of 8 Well No.: Federal 33-26

Section 102(b)(3) of the Federal Oil and Gas Royalty Management Act of 1982, as implemented by the applicable provisions of the operating regulations at Title 43 CFR 3162.4-1(c), requires that "not later than the 5th business day after any well begins production on which royalty is due anywhere on a lease site or allocated to a lease site, or resumes production in the case of a well which has been off production for more than 90 days, the operator shall notify the authorized officer by letter or sundry notice, Form 3160-5, or orally to be followed by a letter or sundry notice, of the date on which such production has begun or resumed."

If you fail to comply with this requirement in the manner and time allowed, you shall be liable for a civil penalty of up to \$10,000 per violation for each day such violation continues, not to exceed a maximum of 20 days. See Section 109(c)(3) of the Federal Oil and Gas Royalty Management Act of 1982 and the implementing regulations at Title 43 CFR 3162.4-1(b)(5)(ii).

The APD approval is valid only until September 30, 1996 unless production is established from another well within the lease prior to that date. If production in paying quantities is established prior to that date then the APD is valid for a period of one (1) year from the signature date. An extension period may be granted, if requested, prior to the expiration of the original approval period, if production in paying quantities has been established from another well from within the lease hold.

In the event after-hours approvals are necessary, please contact one of the following individuals:

Ed Forsman (801) 789-7077 Petroleum Engineer

Wayne P. Bankert (801) 789-4170 Petroleum Engineer

Jerry Kenczka (801) 781-1190 Petroleum Engineer

BLM FAX Machine (801) 781-4410

COAs Page 7 of 8 Well No.: Federal 33-26

EPA'S LIST OF NONEXEMPT EXPLORATION AND PRODUCTION WASTES

While the following wastes are nonexempt, they are not necessarily hazardous.

Unused fracturing fluids or acids

Gas plant cooling tower cleaning wastes

Painting wastes

Oil and gas service company wastes, such as empty drums, drum rinsate, vacuum truck rinsate, sandblast media, painting wastes, spend solvents, spilled chemicals, and waste acids

Vacuum truck and drum rinsate from trucks and drums, transporting or containing nonexempt waste

Refinery wastes

Liquid and solid wastes generated by crude oil and tank bottom reclaimers

Used equipment lubrication oils

Waste compressor oil, filters, and blowdown

Used hydraulic fluids

Waste solvents

Waste in transportation pipeline-related pits

Caustic or acid cleaners

Boiler cleaning wastes

Boiler refractory bricks

Incinerator ash

Laboratory wastes

Sanitary wastes

Pesticide wastes

Radioactive tracer wastes

Drums, insulation and miscellaneous solids,

COAs Page 8 of <u>8</u>
Well No.: Federal 33-26

SURFACE USE PROGRAM Conditions of Approval (COA)

-Access roads and surface disturbing activities will conform to standards outlined in the Bureau of Land Management and Forest Service publication: <u>Surface Operating Standards for Oil and Gas Exploration and Development, (1989).</u>

The road shall be constructed/upgraded to meet the standards of the anticipated traffic flow and all-weather road requirements. Construction/upgrading shall include ditching, draining, and crowning (2 to 3%). Graveling or capping the roadbed will be required as necessary to provide a well constructed safe road. Prior to construction/upgrading, the proposed road surface or existing road shall be cleared of any snow cover and allowed to dry completely. Traveling off the 30 foot right-of-way will not be allowed. Should mud holes develop, they shall be filled in to prevent detours. Road drainage crossings shall be of the typical dry creek drainage crossing type. Crossings shall be designed so they will not cause siltation or accumulation of debris in the drainage crossing nor shall the drainages be blocked by the roadbed. Erosion of drainage ditches by runoff water shall be prevented by diverting water off at frequent intervals by means of cutouts. Upgrading shall not be allowed during muddy conditions. When snow is removed from the road during the winter months, the snow should be pushed outside of the burrow ditches and the turn outs should be kept clear so that when the snow melts the water will be channeled away from the road.

METHODS FOR HANDLING WASTE MATERIALS AND DISPOSAL

The reserve pit shall be lined with a synthetic liner that is a minimum of 12 mil thickness with sufficient bedding to cover any rocks. The liner will overlap the pit walls and be covered with dirt and/or rocks to hold it in place. No trash, scrap pipe, etc., that could puncture the liner will be disposed of in the pit.

Plans For Reclamation Of Location

At time of final abandonment the intent of reclamation will be to return the disturbed area to near natural conditions. Recontour the surface of the disturbed area to **blend all cuts, fills, road berms, and borrow ditches to be natural in appearance** with the surrounding terrain. After recontouring of the area any stockpiled topsoil will be spread over the surface, and the area reseeded and revegetated to the satisfaction of the authorized officer of the BLM. Contact the authorized officer of the BLM at the time of reclamation for the required seed mixture.

DIVISION OF OIL, GAS AND MINING

SPUDDING INFORMATION CONFIDENTIAL

Name of Company: <u>WILDROSE RESOURCES</u>
Well Name: FEDERAL 33-26
Api No. 43-047-32846
Section: 26 Township: 8S Range: 18E County: UINTAH
Drilling Contractor <u>UNION</u>
Rig #_17
SPUDDED:
Date_5/15/97
Time_5:30 PM
How_ROTARY
Drilling will commence
Reported by CARY KALTENBACHER
Telephone #1-801-828-7513
Date: <u>5/19/97</u> Signed: <u>C. DANIELS</u>

ENTITY ACTION FORM - FORM 6

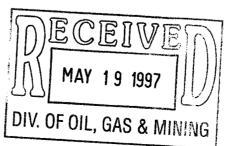
OPERATOR Wildrose Resources Corp. ADDRESS 4949 5. Albion St.	OPERATOR ACCT. NO.	N 9660
Li Hleton, Co 80121		

ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL	NAME			WELL	LOCATIO	<u> </u>	Coup	
A			12 . 42 22 24			QQ	SC	TP	OCATIO RG	COUNTY	SPUD Date	EFFECTIVE DATE
WELL 1 C	199999	1/2/27	113-047-328 9 6	Federal	33-26	NW/SE	26	85	185	Uintah	5/15/97	
	, , , , , , , , , , , , , , , , , , ,		Entity	Federal added 5-28-	97. Jec		,					
L 2 C	OMMENTS:						<u> </u>	<u> </u>				
MELL 3 CC	HMENTS:	•	·						<u> </u>			
		-										
WELL 4 CO	MMENTS:									<u> </u>		
					•							
										· · · · · · · · · · · · · · · · · · ·	1	
WELL 5 CO	MMENTS:	·										
				•		•						
ACTION CO	DES (See in	structions	on back of form)			<u> </u>						

A - Establish new entity for new well:(single well only)
B - Add new well to existing entity (group or unit well)
C - Re-assign well from one existing entity to another existing entity
D - Re-assign well from one existing entity to a new entity
E - Other (explain in comments section)

NOTE: Use COMMENT section to explain why each Action Code was selected.

(3/89)



Kany	Latter	lack
Signatuke V.P.	7	5/15/97
Title		Date
Phone No	303.778	-6-66

Form 3160-5 (June 1990)

UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMI

JUN 09 1997

FORM APPROVED Budget Bureau No. 1004-0135 Expires: March 31, 1993

Lease Designation and Serial No. U-36442 SUNDRY NOTICES AND REPORTS ON WEDISOIL, GAS & MINING 10-36442 Do not use this form for proposals to drill or to deepen or reentry to a different reservoir: Use "APPLICATION FOR PERMIT-" for such proposals 7. If Unit or CA, Agreement Designation SUBMIT IN TRIPLICATE 1. Type of Well Oil Well Other_ 8. Well Name and No. 2. Name of Operator Federal 33-26 Wildrose Resources 9. API Well No. 3. Address and Telephone No. 43-047-32846 4949 S. Albion St, Littleton, CO 10. Field and Pool, or Exploratory Area 8 mile Flat North
11. County or Parish, State 4. Location of Well (Footage, Sec., T., R., M., or Survey Description) 1980' FSL & 1980' FEL (NW/SE) Vinteh County, Utah Section 26, T85, R18E CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA TYPE OF SUBMISSION TYPE OF ACTION Notice of Intent Abandonment Change of Plans Recompletion New Construction Subsequent Report Plugging Back Non-Routine Fracturing Casing Repair Water Shut-Off Final Abandonment Notice Altering Casing Conversion to Injection Dispose Water Other (Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.) 13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)* was phagged on may 23, 1997 as follows: 4930'-4615' 100 SX Class G' W/ 170 Caclz. WOC 3 hrs. Tagged plug @ 4655. Plug# 2: 1910'-1650' 80 5x Class G' W Z % CaClz. Hole stayed full after pumping plug. 472'- 272' 80 sx Class & w/ 3% ca Clz. Plug #3: Itale stayed full after pumping plug. Plug #4: 53' - 0' 20 5x Class 6' W/ 3% Collz is installed. Rohab done in 14. I hereby certify that the foregoing is true and correct (This space for Federal or State office use)

Form 3160-4 (November 1983) (formerly 9-330)

UNITED STATES

SUBMIT IN DUPLICATE

Form approved. Budget Bureau No. 1004-0137 Expires August 31, 1985

5. LEASE DESIGNATION AND SERIAL NO.

DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

(See other Instructions on reverse side)

BUREAU OF LAND MANAGEMENT									U-36442		
WELL CO	MPLETIC	ON OR	RECOMP	LETION	REPOR	[AN	D LOG*	6. IF INDI.	IN, ALLOT	TTEE OR TRIBE NAME	
1a. TYPE OF WE	LL:	WELL	WELL	DRY 🗵	Other			7. UNIT AC	REEMENT	NAME	
b. TYPE OF COM	WORK	DEED.	PLUG BACK	DIFF. RESVR.]			S. FARM O	D I PLOS	Natew	
2. NAME OF OPERA	OVER L	ES	BA('A' C)	RESVR.	Other				ede		
3 ADDRESS OF OPE	se R	9. WELL N	0.								
3. ADDRESS OF OPE	RATOR ALL	:m 5	t. Lit	Hetor	. co	80	121		33-	26, OR WILDCAT	
4. LOCATION OF WE	LL (Report le	ocation clear	y and in acco	rdance with	any State req	uiremen	ts)*				
At surface	180' FS	i L 🗳	1980	FEL	CNW1:	SE)		11. SEC., T	., R., M., (Flot Nort	
At top prod. in	terval report	ed below Sa	m e		PONE	NEN	ITIAI	OR ARE	·^		
At total depth			-		CUITI	ULI	IIINL	Sec. 2	26, T	-85, R18E	
5	iame		[14. PERMIT	DATE		12. COUNTY OR 13. STATE PARISH				
			4	13-047		Dinta	Dinteh Uteh				
			17. DATE CO	MPL. (Read)	to prod.	18. ELEV				LEV. CASINGHEAD	
5/15/97 20. TOTAL DEPTH. MD		2/97	T.D., MD & TVD		TTIPLE COM	Pt	4932'	GR S ROTARY TO		4932	
6320				ном	MANY*	. 4.,	DRILLED			-	
24. PRODUCING INTE	RVAL(S), OF	THIS COMPLE	тюм-тор, во	TTOM, NAME	(MD AND TV	0)*				. WAS DIRECTIONAL SURVEY MADE	
~	/A									Nο	
26. TYPE ELECTRIC	AND OTHER L	OGS RUN		 -					27. W.	AS WELL CORED	
DLI	\subseteq , ≤ 1	L-DS	N 6-20	-77		ě				No	
28.					Report all stri	ngs set i					
CASINO SIZE	WEIGHT,		DEPTH SET (1	MD)	HCLE SIZE			NG RECORD		AMOUNT PULLED	
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						-					
						M	ICIDEN	TIAL			
29.		LINER	RECORD			CUI	# Inria	REGING RE	CORD		
N/A	TOP (MD)	BOTTON	(MD) SAC	CKS CEMENT	SCREEN	(MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)	
N/H			रक जार	ក្សាប្រា	1200		N/A				
31. PERFORATION REC	CORD (Interve	il, size and		<u>₽#₩</u>	母21	AC	ID, SHOT, FRA	ACTURE, CEME	T SQUI	EEZE, ETC.	
N/A			\			INTERVAL	(MD)	AMOUNT AND K	IND OF M	ATERIAL USED	
			\\								
		니스	7[
		/ום	. OF OIL.	GAS &	MINING						
33.*				PI	ODVETION	,					
DATE FIRST PRODUCT	ION I	PRODUCTION M	ETHOD (Flow	ing, gas lift,	pumping-si	ze and t	ype of pump)		L STATUS	(Producing or	
DATE OF TEST	HOURS TES	TED CHO	KE SIZE	PROD'N, FOR	OIL-BBI	<u>. </u>	GAS-MCF.	WATER-B	BL.	GAS-OIL RATIO	
				TEST PERIOD	'						
FLOW. TUBING PRESS.	CASING PRE		CULATED HOUR RATE	OILBBL.	GAS	мс г . С(ONFIDEN	ER-HBL.	OIL GR	RAVITY-API (CORE.)	
34. DISPOSITION OF G	AS (Sold, use	d for fuel, ver	nted, etc.)				PERIOD	TEST WITH	ESSED BY	7	
						- 01	EXPIRED	78			
35. LIST OF ATTACH		L095.	Dai	ly T	Report	- 01 - 5		PACIFICATION .			
36. I hereby certify		<u> </u>					determined fr	om all available	records		
SIGNED Kan	. Ka	2000	be R	ጥ፣ጥ፣ ው	Y. P			DAG	_{rre} 6/	12/97	
SIGNED 1700	7			TITLE				DA'.	. ri		
	∀ *	(See Instru	ctions and S	Spaces for	Additiona	l Data	on Reverse	Side)			

)P	TRUE VERT, DEPTH	5067,	
GEOLOGIC MARKERS	TOP	MEAS, DEPTH	5067'	
38. GEOLG		NAME	Green Rivar Douglos Greek Masatch Tongue of Green River	
SUMMARY OF POROUS ZONES: (Show all important zones of porosity and contents thereof; cored intervals; and all drill-stem, tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures, and recoveries):	DESCRIPTION, CONTENTS, ETC.			
zones of porosity and content shion used, time tool open,	DESCRIPTIC	9		
now all important terval tested, cu	BOTTOM			
tous zones: (St.	TOP			
of Sommaki Of FOR drill-stem, tests, in recoveries):	FORMATION	, . ;		

DAILY DRILLING REPORT

Operator: Wildrose Resources Corporation

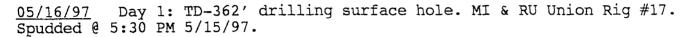
Well: Federal #33-26

T 8 S, R 18 E, Section 26

NW SE (1980' FSL & 1980' FEL)

Uintah County, Utah Projected TD - 6200'

Elevation: GR: 4931', KB: 4941' estimated Contractor: Union Drilling Company #17



Day 2: TD-768' drlg. Drilled 406' in 8 3/4 hrs w/ air/foam. Finished drilling 12 1/4" surface hole to 400'. Ran 9 jts (366') 8 5/8". 24#, J-55, STC csg w/ guide shoe, insert float, and 3 centralizers. Set csg @ 376' KB. RU HOWCO. Pumped 10 BW & 20 bbl gel water. Cemented w/ 200 sx Class 'G' w/ 2% CaCl2 & 1/4# /sk Flocele. Displaced w/ 21 BW. Plug down @ 8 AM 5/16/97. Had good cement to surface. WOC. NUBOP's. Tested BOP to 2000 psi & csq to 1500 psi. Ran Bit #3 has drld 368' in 6 hrs. Survey: 1/2 @ 600'.

Day 3: TD-1990' drlq. Drld 1222' in 23 hrs w/ air/foam. Bit #3 has drld 1590' in 29 hrs. Surveys: 3/4 @ 1100'. 1/2 @ 1550'.

Day 4: TD-3071' drlq. Drld 1081' in 22 1/4 HR w/ air/foam. Bit #3 has drld 2671' in 51 1/4 hrs. Surveys: 1/2 @ 2000', 1 @ 2550', 1 1/4 @ 3050'.

Day 5: TD-4196' drlg. Drld 1125' in 22 1/4 hrs w/ air/foam. Bit #3 05/20/97 has drld 3796' in 73 1/2 hrs. Surveys: 1 1/4 @ 3550', 1 1/2 @ 4050'.

Day 6: TD-4934' drlg. Drld 783' in 18 1/4 hrs w/ 2% KCl substitute. Pulled Bit #3 @ 4509'. Bit #3 drld 4109' in 84 3/4 hr. Ran Bit#4, 7 7/8" SEC 33 w/ mud motor @ 4509'. Bit #4 has drld 425' in 7 hrs. Survey: 1 @ 4500'.

Day 7: TD-5920' drlg. Drld 986' in 21 1/2 hrs w/ 2% KCl substitute. Bit #4 has drld 1411' in 28 1/2 hrs. Surveys: 1 @ 5000 1, 1 1/4 @ 5500'.

Day 8: TD-6320'. RU HOWCO tp plug. Drld 400' in 8 hrs w/ 2% KC1 substitute. Reached TD @ 12:45 PM 5/22/97. LDDP. Bit #4 drld 1811' in 36 1/2 hrs. Ran logs using Halliburton as follows:

DLL 6275' - 377'

6275' - 4000' SDL/DSN

Logger's TD 6325'. Pick up 4930' drill pipe.

05/24/97 Day 9: TD-6320'. P & A'd. Circulated for 1 1/4 hrs. Plugged as follows:

Plug #1: 4930'-4515': 100 sx Glass 'G' w/ 1% CaCl2. Pulled 10 stds. Waited 3 hrs. Ran 6 stds - tagged cement @ 4655'. Laid down 97 jts DP. Plug #2: 1910'-1650': 80 sx Class 'G' w/ 2% CaCl2. Pulled 7 stds

DP. Filled hole - stayed full. LD 46 jts DP.

Plug #3: 472'-272': 80 sx Class 'G' w/ 3% CaCl2. LD 13 jts. Filled hole - stayed full. NDBOP's. Ran 2 jts DP to 63'.

Plug #4: <u>53'-0'</u>: 20 sx Class 'G' w/ 3% CaCl2. Released rig @ 7 AM 5/23/97.

